

Date: Sat, 2 Oct 93 07:31:20 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1166
To: Info-Hams

Info-Hams Digest Sat, 2 Oct 93 Volume 93 : Issue 1166

Today's Topics:

 6 weeks 1 day!
 Anybody know W8Z0??
 Batteries for HTX202
 HDN Releases
 How much are 6 land incoming bureau envelopes?
 humorous R.S. anecdote
 Info on ham stores wanted (was Re: Info on Ham Stores In DC?)
 Low angle radiation
 Motorola ad in QST?
 Power Supplies
 radio 4 LW and the hulahoop
 RTTY filter for 850
 W9GR DSP Kit

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 30 Sep 1993 21:04:30 GMT
From: dog.ee.lbl.gov!agate!library.ucla.edu!news.ucdavis.edu!othello.ucdavis.edu!
ez006683@network.ucsd.edu
Subject: 6 weeks 1 day!
To: info-hams@ucsd.edu

Mark Willis (willis@lsil.com) wrote:

: My students all got their call signs in seven weeks.
: As for the adds, it may have been done through the Callbook people. Whats
: the problem anyway, I enjoy the cat.s I get. It gives me an idea of how

: prices are going and what I can afford. Every Ham Shack needs a couple
: new pieces of equipment every year,

Or is that a new piece of equipment every couple of years?

73 es :-)

Dan

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *
*                    Internet: DDTODD@ucdavis.edu              *
*                    Snail Mail: 1750 Hanover #102              *
*                    Davis CA 95616                             *
*-----*
*      I do not speak for the University of California....    *
*      and it sure as hell doesn't speak for me!!             *
*-----*
```

Date: Fri, 1 Oct 1993 14:18:52 GMT
From: munnari.oz.au!spool.mu.edu!sol.ctr.columbia.edu!destroyer!
vela.acs.oakland.edu!w8hd!kenh@network.ucsd.edu
Subject: Anybody know W8Z0??
To: info-hams@ucsd.edu

As a contractor, I was contacted to inspect the former home of W8Z0,
Charles A Gault, for removal of two radio towers on the property for a
potential buyer.

As a ham, I was immediately awed by the home, and the station, or at least
it's remains.

There are two HUGE self supporting towers on the property, and the remains
of one on the neighbor's. This one has been 'topped'. The towers have
base insulators, and commercial ATUs at their bases. The pattern is
triangular, and not equilateral. Clearly a directional station.

He made a great deal of modifications to the towers, and most of what he
did remains. It is clear he lived there for a long time, and was
seriously into his station.

Anyone know him? More importantly, does anyone know the background of the
three towers? I'm a commercial radio nostalgia buff, and am very
interested. If and when we dismantle the remains (dependant on the
buyer), there will be a lot of remains I would be willing to provide in
thanks for information.

Checking the callbook, his DOB is 1906; that, coupled with the long-time vacancy of the home leads me to assume him to be a silent key. (??)

--

kenh@w8hd.org

Ken Hoehn - Teletech, Inc.

Compuserve: 70007,2374

N8NYO

P.O.Box 924

FAX: (313) 562-8612

Dearborn, MI 48121

VOICE: (313) 562-6873

Date: Fri, 1 Oct 1993 04:41:14 GMT

From: swrinde!gatech!howland.reston.ans.net!sol.ctr.columbia.edu!news.kei.com!
yeshua.marcam.com!zip.eecs.umich.edu!destroyer!nntp.cs.ubc.ca!newsserver.sfu.ca!
sfu.ca!tpang@network.ucsd.edu

Subject: Batteries for HTX202

To: info-hams@ucsd.edu

h1b@li.loral.com (h1b) writes:

>Are there battery packs available that allow the Radio Shack HTX202
>transmit at full 5W of power? Or must it have 12V, such as from a car
>or wall xformer, to operate at 5W?

The Icom 2AT,02AT,2GAT series batteries are compatible with the HTX202.
You can use the BP-7 or BP-70 which has 270mAH and 450mAH respectively.
Even 450mAH won't last you very long on high power. I recommend them only
for short time high power use in case that extra strength makes a difference.
Most people, therefore, prefer a lower voltage but higher capacity pack,
also available from Icom. Also 3rd party battery manufacturers for handhelds,
including Periflex (having a sale now), and Battery'r'us ?, also sell
Icom compatible NiCd packs. Call them for types and prices.

>Thanks,

>h1b@li.loral.com

>--

>h1b@li.loral.com

This is definitely a typical faq, anyone maintains a HTX202 faq?

Bye,

David

+-----+
| In real life: David Tse E-mail: tpang@sfu.ca (Internet) |
| In amateur radio: VE7MDT Packet: VE7MDT@VE7UBC.#VANC.BC.CAN.NA |
| Snail Mail: P.O. Box 26052, Richmond B.C., V6Y 2B0, Canada. |

| Set-up: Amiga 3000/25, MAG MV-14S, AMaxII, ZyXEL 1496E, DeskJet+, HP48SX |
| Disclaimer: Anything here does not represent views of anyone except mine. |
+-----+

Date: Sat, 02 Oct 1993 01:17:05
From: olivea!spool.mu.edu!sol.ctr.columbia.edu!news.kei.com!news.oc.com!
utacfd.uta.edu!rwsys!ocitor!FredGate@decwrl.dec.com
Subject: HDN Releases
To: info-hams@ucsd.edu

The following files were processed Saturday 10-02-93 at 1:124/7009:

HAMFILES [HAM: Adm/Link Info/Applications/Uplinks to HDN]

HAMBBS.ZIP (7195 bytes) 10/93 Ham BBS list from W3INK

7195 bytes in 1 file(s)

Total of 7195 bytes in 1 file(s)

Files are available via Anonymous-FTP from ftp.ieee.org

Directories are:

pub/fidonet/ham/hamnews	(Bulletins)
/hamant	(Antennas)
/hamsat	(Sat. prg/Amsat Bulletins)
/hampack	(Packet)
/hamelec	(Formulas)
/hamtrain	(Training Material)
/hamlog	(Logging Programs)
/hamcomm	(APLink/JvFax/Rtty/etc)
/hammods	(Equip modification)
/hamswl	(SWBC Skeds/Frequencies)
/hamscan	(Scanner Frequencies)
/hamutil	(Operating aids/utils)
/hamsrc	(Source code to programs)
/hamdemo	(Demos of new ham software)
/hamnos	(TCP/IP and NOS related software)

lee - wa5eha

Ham Distribution Net

* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

Date: Thu, 30 Sep 93 21:37:14 GMT
From: ncrigw2.ncr.com!ncrhub2!torynews!kevin@uunet.uu.net
Subject: How much are 6 land incoming bureau envelopes?
To: info-hams@ucsd.edu

Jeff,
What is the address of the 6-land incoming bureau? I've been hamming for over 2 years now and I'm sure there's some cards for me. Hopefully they didn't throw them out when my callsign changed earlier this year.

--
[] [] [][] [][] Kevin Sanders, KN6FQ NCR Torrey Pines
[] [] [] [] [] kevin.sanders@torreypinesca.ncr.com (619) 597-3602
[] [] [][] [][] kevin%beacons@cyber.net
[] [] [] [] []
[] [] [] [] [][] Dump MS-DOS. Prevent Programmer Burnout with Linux.

Date: Thu, 30 Sep 93 20:56:06 GMT
From: ncrigw2.ncr.com!ncrhub2!ncrlnk!torynews!kevin@uunet.uu.net
Subject: humorous R.S. anecdote
To: info-hams@ucsd.edu

With the recent gripes about Radio Shack customer ID's, I thought I'd relate this little tidbit...

One of the employees of my local Radio Shack is a former ham (a retired O.F.) who I've had a few nice technical chats with. He gets dirty looks from other employees when he yacks with me too long, but he doesn't care. When I first registered my 4-number ID, he entered my name as

Kevin Sanders KN6FQ

and I thought this was pretty neat. But when I got their sales brochure recently in the mail, the central computer had mangled it to

Kevin S KNFQ

I guess their program doesn't allow numbers and assumes 3 words means the middle one is a middle name... Oh well, he tried.

--
[] [] [][] [][] Kevin Sanders, KN6FQ NCR Torrey Pines
[] [] [] [] [] kevin.sanders@torreypinesca.ncr.com (619) 597-3602
[] [] [][] [][] kevin%beacons@cyber.net

[] [] [] [] []
[] [] [] [] [][] Dump MS-DOS. Prevent Programmer Burnout with Linux.

Date: Thu, 30 Sep 1993 20:06:05 GMT
From: dog.ee.lbl.gov!agate!msuinfo!uwm.edu!cs.utexas.edu!swrinde!gatech!kd4nc!
ke4zv!gary@network.ucsd.edu
Subject: Info on ham stores wanted (was Re: Info on Ham Stores In DC?)
To: info-hams@ucsd.edu

In article <2343@arrl.org> ehare@arrl.org (Ed Hare - KA1CV) writes:
>to consider a store a ham-radio store is if one can walk in and buy
>a ham-radio transmitter or transceiver and some of the appropriate
>accessory equipment.

You want a list of all 4300 Radio Shack stores?

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

Date: Thu, 30 Sep 1993 21:00:45 GMT
From: pacbell.com!sjhawk2@decwrl.dec.com
Subject: Low angle radiation
To: info-hams@ucsd.edu

In the book,
Amateur Radio Techniques by the Radio Society of Great Britain
Seventh Edition

Pg. 281
Speaking of the early sixties he says:

"Careful tests by the Americans showed clearly that the h.f.
broadcasting stations controlled by the USSR and China were
consistently out-performing their own, the British, and the
Japanese stations. The Moscow and Peking signals seemed to be
getting through on higher frequencies, for longer periods and at
greater strength than those from other transmitters of comparable
power. Equally interesting was the observed ability of these
particular transmissions, a few minutes after coming on the air,

or changing frequency, to peak up suddenly in strength in the particular areas to which the programmes were being beamed; this did not seem to be due to power increase since the signals in non-target areas showed no corresponding increase.

To account for these observations, it was suggested that the Russian and Chinese stations were in fact located at very high sites, and that this might make possible extremely low-angle radiation. Furthermore it was thought that a technique must have been developed whereby the vertical angle of radiation could be carefully controlled and changed to make optimum use of this ability; possible using some form of back scatter to allow the transmitter engineers to determine just when the optimum conditions had been achieved. All these theories suggested that the Russians had developed ways of utilizing propagation modes other than those described in the classic textbooks. ..."

The article continues and goes on to make some interesting statements about what may be possible. My question is; has anyone ever read about or heard about this else where. I would be very interested in learning more about techniques for propagating R.F. at the low angles talked about. If anyone knows anything about this or where I can get any information please email or post the information to me. Thank you de Steve Hawkins WV6U

Date: 1 Oct 93 13:04:06 GMT
From: news.claremont.edu!bridge2!3Com.com@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

[comments on somewhat vague Moto ad deleted]

I, too, was somewhat confused by the ad. Moto. seems to be concerned about several things: cellular ESN fiddling, unlicensed operation and 3rd party configuration services, software and hardware for Moto radios. At least, that's what I got out of the ad.

All the above are valid concerns. However, even the writer of the ad seemed unable to make a connection between activities that threatened Moto's revenue (third party configuration and upgrade kits) and activities which are a true threat to public safety.

As a ham, I hope Moto does not tighten up on technical information. That would make my re-use of Moto gear in the ham bands that much more difficult. I have friends who use synthesized commercial gear on the ham bands and all of them have made "unauthorized" modifications which void the type acceptance on the

equipment...exactly the kind of activity the ad seemed to be addressing. For Moto to make changes in their equipment and documentation in an attempt to prevent loss of revenue would seriously damage Moto's standing among those of us in the "tertiary market." Moto and hams have had a good relationship for many years and I believe that relationship is partially responsible for Moto's current reputation in the industry. It would be unfortunate for both groups if that relationship could not continue.

```
=====
Peter Simpson, KA1AXY                      Peter_Simpson@3com.com
3Com Corporation                          (508) 836 1719
71 Lyman Street                           Northboro, MA 01532
#include <std_disclaimer.h>                Linux = *free!* Unix for 386
=====
```

Date: Thu, 30 Sep 1993 19:49:41 GMT
From: dog.ee.lbl.gov!agate!msuinfo!uwm.edu!cs.utexas.edu!swrinde!gatech!kd4nc!
ke4zv!gary@network.ucsd.edu
Subject: Power Supplies
To: info-hams@ucsd.edu

In article <CE5Krx.BzA@mailier.cc.fsu.edu> bischoff@freenet.scri.fsu.edu (Bill Bischoff) writes:

>I will be in the market soon for a 30 amp (continous) power
>supply. The major suppliers seem to be Astron, TrippLite and
>Daiwa. Astron certainly seems to be sold on a wider retail basis
>but I wonder if it is actually better than the others or if
>the dealers simply have a better profit margin with it.
>Can anyone out there give me any advice regarding these, or
>any other, brands. Personal experience is helpful.
>Oh yeah, the supply is for an ICOM 737 which I'll be ordering
>at the same time as the pwr supply.

I've used Astrons for years. I have about a dozen 20 amp and 35 amp models powering various pieces of equipment. It's a simple brute force series regulated design, very conservative. It's big, ugly, heavy, and it works. The current rating shown in advertising is a ICAS value suitable for SSB use. For continous duty, consult the manufacturer's literature. Essentially, the 20 amp model is good for a continous 16 amps, the 35 amp model is good for a continous 25 amps, the 50 amp model is good for a continous 35 amps, etc. That's true CCS, 24 hr/day 7 days/week. Your 737 isn't in that class. The 35M would be ideal for it.

Gary

--

Gary Coffman KE4ZV |"If 10% is good enough | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | for Jesus, it's good | uunet!rsiatl!ke4zv!gary
534 Shannon Way | enough for Uncle Sam."| emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | -Ray Stevens |

Date: Fri, 1 Oct 1993 16:55:07 GMT
From: mcsun!julienas!ubu!hard68!burton@uunet.uu.net
Subject: radio 4 LW and the hula hoop
To: info-hams@ucsd.edu

I'd like to know how the hoopyloop (hula hoop)
198 Khz aerial works.

Anybody feel up to the job?

Mark.

Date: 1 Oct 1993 13:47:46 GMT
From: munnari.oz.au!spool.mu.edu!caen!nigel.msen.com!sdd.hp.com!math.ohio-
state.edu!magnus.acs.ohio-state.edu!usenet.ins.cwru.edu!news.ysu.edu!yfn.ysu.edu!
ag821@network.ucsd.edu
Subject: RTTY filter for 850
To: info-hams@ucsd.edu

I have a Kenwood 850S with a 500hz (YK88-c) CW filter. I like to
operate RTTY contests and like Pactor. I noticed that during the
last contest, I could have used a filter. The rig seems to have a
2.7 filter built in. Since the rig is using LSB, would the YKSSN-1
ssb filter be good for RTTY contesting?

thaks

73

Jeff, AC4HF

--

Jeff M. Gold, AC4HF
Manager, Academic Computing Support
Tennessee Technological University

Date: 30 Sep 1993 21:33:38 GMT
From: dog.ee.lbl.gov!agate!spool.mu.edu!torn!news2.uunet.ca!math.ohio-state.edu!
sol.ctr.columbia.edu!caen!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!
ag821@network.ucsd.edu
Subject: W9GR DSP Kit
To: info-hams@ucsd.edu

Does anyone know if the W9GR DSP is still available
in kit form from Quantics?

thaks

73

Jeff, AC4HF

--

Jeff M. Gold, AC4HF
Manager, Academic Computing Support
Tennessee Technological University

Date: Sat, 2 Oct 1993 03:58:19 GMT
From: sdd.hp.com!spool.mu.edu!news.clark.edu!netnews.nwnet.net!raven.alaska.edu!
aurora.alaska.edu!fsdpr@network.ucsd.edu
To: info-hams@ucsd.edu

References <93274.095702SCUNNANE@ESTEC.BITNET>,
<1993Oct1.124355.13350@mulvey.com>, <28i9pi\$9cd@cael2.me>ur
Subject : Re: walkman - radio transmitter

In article <28i9pi\$9cd@cael2.me>, friberg@mtu.edu (Kenneth W. Friberg) writes:

> rich@mulvey.com wrote:

> : SCUNNANE@ESTEC.BITNET wrote:

> : : Can anyone tell me if such a thing exists to allow me to play my walkman

> : : on the car radio ? What I'm looking for is something to plug into the

> : : headphones socket of the walkman that transmits a radio signal that can

> : : be picked up by the car radio ?

>

>

> : Well, if all you're interested in is using the car stereo as an

> : amp/speaker system, then just go to radio shack and get their

> : "CD/Cassette? adapter. (This assumes that you have a cassette deck,

> : of course.) You plug one end into the headphone jack of your walkman,

> : and the other end looks like a cassette. Pop that into your deck, and

> : voila!

>

> Another trick, commonly used to install CD players on car stereos that don't

> have the inputs for them, is a dohicky that goes in between the antenna and
> the radio. You tune your FM radio to some specific frequency, and you can
> hear your walkman/diskman/whatever.

>

> 73 de Ken n8pbe

Date: Sat, 2 Oct 1993 03:57:35 GMT

From: sdd.hp.com!spool.mu.edu!news.clark.edu!netnews.nwnet.net!raven.alaska.edu!
aurora.alaska.edu!fsdpr@network.ucsd.edu

To: info-hams@ucsd.edu

References <93274.095702SCUNNANE@ESTEC.BITNET>,
<19930ct1.124355.13350@mulvey.com>, <28i9pi\$9cd@cael2.me>ur
Subject : Re: walkman - radio transmitter

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> rich@mulvey.com wrote:

> : SCUNNANE@ESTEC.BITNET wrote:

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> : : on the car radio ? What I'm looking for is something to plug into the

> : : headphones socket of the walkman that transmits a radio signal that can

> : : be picked up by the car radio ?

>

>

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> have the inputs for them, is a dohicky that goes in between the antenna and

> the radio. You tune your FM radio to some specific frequency, and you can

> hear your walkman/diskman/whatever.

>

> 73 de Ken n8pbe

Date: Thu, 30 Sep 1993 21:00:05 GMT

From: dog.ee.lbl.gov!agate!library.ucla.edu!news.ucdavis.edu!othello.ucdavis.edu!
ez006683@network.ucsd.edu

To: info-hams@ucsd.edu

References <CDtH1w.It8@cbnewsc.cb.att.com>, <Ja5kac3w165w@jackatak.raider.net>,

<CE64pD.AI1@cbnewsc.cb.att.com>83

Subject : Re: FCC Preempts scanner laws for amateur transcievers

edwin.m.schaefer (k9jma@cbnewsc.cb.att.com) wrote:

: Headphone use by driver of vehicle is unlawful in many states. I'd like
: to use one when I operate HF on long trips, but my state forbids it.

Many of the headphone laws only apply to headphones which cover both ears.
My headset/boom mike only covers my right ear and I've never had a
problem with the local police.

73,

Dan

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *
*                      Internet: DDTODD@ucdavis.edu             *
*                      Snail Mail: 1750 Hanover #102            *
*                      Davis CA 95616                          *
*-----*
*      I do not speak for the University of California....    *
*      and it sure as hell doesn't speak for me!!            *
*-----*
```

Date: Thu, 30 Sep 1993 19:38:59 GMT

From: elroy.jpl.nasa.gov!swrinde!gatech!kd4nc!ke4zv!gary@ames.arpa

To: info-hams@ucsd.edu

References <MAS.93Sep28104038@porgy.jpl.na,

<1993Sep29.193548.21499@ke4zv.atl.ga.us>, <1993Sep30.130340.739@VFL.Paramax.COM>

Reply-To : gary@ke4zv.UUCP (Gary Coffman)

Subject : Re: Antenna Covenants AGAIN (but now with a twist!)

In article <1993Sep30.130340.739@VFL.Paramax.COM> rossi@VFL.Paramax.COM (Pete Rossi) writes:

>You can't be serious!! Seems like half of the TV stations in my
>area *still* aren't even transmitting in STEREO yet!!!

That's quite true, only NBC has made a concerted effort to originate programming in stereo. If you don't have sources of stereo material, there's no reason to broadcast stereo. Couple that with the fact that 98% (1990) of sets owned by viewers aren't stereo, and you have a technical fillip that lacks wide appeal.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

End of Info-Hams Digest V93 #1166
